



SEQUENCE LISTING

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Day, Joseph P.
Hammer, Robert P.
Bergstrom, Donald E.

<120> COUPLED POLYMERASE CHAIN REACTION-RESTRICTION
ENDONUCLEASE DIGESTION-LIGASE DETECTION REACTION
PROCESS

<130> 19603/481

<140> 09/528,014
<141> 2000-03-17

<150> 60/125,251
<151> 1999-03-19

<160> 36

<170> PatentIn Ver. 2.1

<210> 1
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Oligonucleotide

<400> 1
tgtgatgatg gtgaggatgg gcctccgggtt catgccgccc atcgaggaac

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<210> 2
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Oligonucleotide

<400> 2
gttcctgcat gggcggcatg aaccggaggc ccatcctcac catcatcaca

50

<211> 25
 <212> DNA
 <213> Artificial Sequence

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 <223> Description of Artificial Sequence: Synthetic
 Oligonucleotide

<220>
 <221> N_region
 <222> (25)
 <223> Where N is A,C,T,G or Q(n) analog

<400> 3
 ttcttcctgc atggggcgca tgaan

25

<210> 4
 <211> 26
 <212> DNA
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<220>
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 Oligonucleotide

<220>
 <221> N_region
 <222> (26)
 <223> Where N is A,C,T,G or Q(n) analog

<400> 4
 ttctgatgat ggtgaggatg ggcttn

26

<210> 5
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Oligonucleotide

<400> 5
 cttggacgag ttcatacgcg ttcctgcattt ggcggcatga

40

<211> 38
<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
Oligonucleotide

<400> 6
gcaaactggg tcgccacgtg atgatggtga ggatggc 38

<210> 7
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Oligonucleotide

<400> 7
cttggacgag ttcatacgc 19

<210> 8
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Oligonucleotide

<400> 8
gcaaactggg tcgccac 17

<210> 9
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

<400> 9
cttggacgag ttcatacgcg ttccctgcattt ggcggcatga at 42

<210> 10
<211> 41
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<400> 10
gcaaaactggg tcgcccacgtt atgtatggtga ggatgggcct t 41

<210> 11
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<400> 11
aaaaaaagcat gggcggcatg aaca 24

<210> 12
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<400> 12
aaaagcatgg gcggcatgaa cg 22

<210> 13
<211> 20
<212> DNA

<220>
<223> Description of Artificial Sequence: Synthetic
Oligonucleotide

<400> 13
aagcatgggc ggcataact 20

<210> 14
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Oligonucleotide

<400> 14
gcatgggcgg catgaacc 18

<210> 15
<211> 22
<212> DNA
<213> Artificial Sequence

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Oligonucleotide

<400> 15
ggaggcccat cctcaccatc at 22

<210> 16
<211> 60
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<213> Artificial Sequence

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Oligonucleotide

<220>
<221> N_region
<222> (30)

<400> 16
ccaagtatg atggtgagga tgggcctccn gttcatgccg cccatgcagg aacgcgtatg 60

<210> 17
<211> 50
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<400> 17
gttcctgcat gggcgccatg aactggaggc ccatcctcac catcatcaca 50

<210> 18
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<400> 18
gttcctgcat gggcgccatg aacgggaggc ccatcctcac catcatcaca 50

<210> 19
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<400> 19
gttcctgcat gggcgccatg aacaggaggc ccatcctcac catcatcaca 50

<210> 20
<211> 50
<212> DNA

<220>
<223> Description of Artificial Sequence: Synthetic
Oligonucleotide

<400> 20
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<210> 21
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
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Oligonucleotide

<400> 21
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<210> 22
<211> 50
<212> DNA
<213> Artificial Sequence

<220>
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Oligonucleotide

<400> 22
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<210> 23
<211> 50
<212> DNA
<213> Artificial Sequence

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Oligonucleotide

<400> 23
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<211> 50
<212> DNA
<213> Artificial Sequence

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Oligonucleotide

<400> 24
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<210> 25
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Oligonucleotide

<400> 25
cttggacgag ttcatacgcg ttccctgcatg ggccggcatga ac 42

<210> 26
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Oligonucleotide

<400> 26
cttggacgag ttcatacgcg ttccctgcatg ggccggcatga ag 42

<210> 27
<211> 42
<212> DNA
<213> Artificial Sequence

<220>
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Oligonucleotide

cttggacgag ttcatacgcg ttccctgcattt ggcggcatga aa 42

<210> 28
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<400> 28
gttcctgcat gggcggca 18

<210> 29
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<400> 29
gtgatgatgg tgaggatgg 19

<210> 30
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<400> 30
gttcctgcat gggcggcatg aat 23

<210> 31
<211> 24
<212> DNA
<213> Artificial Sequence

<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<400> 31

gtgatgatgg tgaggatggg cctt

24

<210> 32

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<220>

<221> N_region

<222> (25)

<223> Where N is Q(6) analog

<400> 32

tttttcctgc atgggcggca tgaan

25

<210> 33

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<400> 33

aaaaaaaaagc atgggcggca tgaatc

26

<210> 34

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Oligonucleotide

<221> N_region
<222> (30)
<223> Where N is A,C,T,G

<400> 34
ccaagtatg atggtgagga tgggcctgg gttcatgccg cccatgcagg aacgcgtatg 60

<210> 35
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Oligonucleotide

<400> 35
gcctcatctt gggcctgtgt tatc 24

<210> 36
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<223> Description of Artificial Sequence: Synthetic
Oligonucleotide

<400> 36
gtggatgggt agtagtatgg aagaaatc 28